

輸入貨品使用之木質包裝材料檢疫條件

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Quarantine Requirements for Wood Packaging Material used in Imported Commodity

Promulgated by COA on June 2, 2008 ;

Amended by COA on August 3, 2010, March 31, 2011 and November 8, 2021

1. Wood packaging material (WPM) shall cover wood cases, crates, skids, pallets, wooden trays, wooden frames, drums, wood axle, wood cleat, dunnage, sleepers and packing blocks which are used in loading, packing, mating, supporting or fixing the commodity. The following articles are exempted from the requirements:

- (1) wood packaging material made entirely from thin wood (6 mm or less in thickness).
- (2) wood packaging made wholly of processed wood material, such as plywood, particle board, oriented strand board or veneer that has been created using glue, heat or pres-sure, or a combination thereof.
- (3) painted or stained.
- (4) treated by tar or other preservatives.
- (5) barrels contain liquor.
- (6) gift boxes for wine, cigars and other commodities made from wood that has been proc-essed and/or manufactured in a way that renders it free of pests.
- (7) wood components permanently attached to freight vehicles and containers.
- (8) carrying deep frozen commodities (below -17.8°C or 0°F) and remain under the tem-perature condition until arrival.

2. WPM shall be treated prior to export by one of the following methods in accordance with International Standards for Phytosanitary Measures No. 15 (ISPM 15) under the supervi-sion of the plant quarantine authority of the exporting country.

2.1 Methyl bromide (MB) fumigation: The minimum standard for methyl bromide fumigation treatment is as follows:

| Temperature | CT($\text{g} \cdot \text{h} / \text{m}^3$) over 24 h | Minimum final concentra-tion (g/m^3) after 24 h |
|-------------------------------|--|---|
| 21°C or above | 650 | 24 |
| 16°C or above | 800 | 28 |
| 10°C or above | 900 | 32 |

CT: concentration-time product. The minimum temperature of the wood and its surrounding atmosphere must be not less than 10 °C and the minimum exposure time must be not less than 24 hours.

| Example of a treatment schedule that achieves the minimum required CT: Temperature | Dosage (g/ m ³) | Minimum concentration (g/m ³) at: | | |
|--|-----------------------------|---|-----|-----|
| | | 2 h | 4 h | 24h |
| 21°C or above | 48 | 36 | 31 | 24 |
| 16°C or above | 56 | 42 | 36 | 28 |
| 10°C or above | 64 | 48 | 42 | 32 |

2.2 Heat treatment (HT): WPM should be heated to achieve a minimum wood core temperature of 56°C for a minimum of 30 minutes.

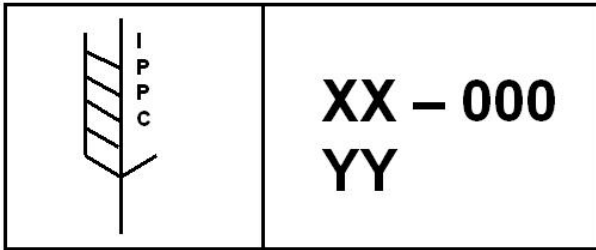
2.3 Heat treatment using dielectric heating (DH): Where dielectric heating (microwaves or radio waves) is used, WPM should be heated to achieve a minimum temperature of 60°C for 1 continuous minute throughout the entire profile of the wood (including its surface).

2.4 Sulphuryl fluoride treatment (SF): The minimum temperature of the WPM must not be lower than 20°C and the minimum exposure time must not be less than the time stated for each temperature in the below table:

| Temperature (°C) | Minimum required CT (g·h/m ³) | Minimum final concentration (g/m ³) |
|----------------------|---|---|
| 30 or above for 24 h | 1400 | 41 |
| 20 or above for 48 h | 3000 | 29 |

| Example of a treatment schedule that achieves the minimum required CT: Temperature (°C) | Dosage (g/m ³) | Minimum concentration (g/m ³) at: | | | | | | |
|---|----------------------------|---|-----|-----|------|------|------|------|
| | | 0.5 h | 2 h | 4 h | 12 h | 24 h | 36 h | 48 h |
| 30 or above | 82 | 87 | 78 | 73 | 58 | 41 | - | - |
| 20 or above | 120 | 124 | 112 | 104 | 82 | 58 | 41 | 29 |

3. WPM treated by the approved measures should be marked in accordance with ISPM 15. Example of the specified mark is shown below:



The mark should include the: - IPPC symbol - XX: ISO two letter country code

- 000: unique number assigned by the NPPO to the producer of the WPM.

- YY: the approved measure used (MB: methyl bromide fumigation; HT: heat treatment; DH: Dielectric heating; SF: Sulphuryl fluoride)

4. WPM which does not comply with the quarantine requirements as described above shall be treated by methods described in Article 2 or destroyed or reshipped with the imported commodity on importer's request.

4.1 The treatment can not be carried out in current treatment facilities due to the size of the WPM or other reasons.

4.2 The WPM can not be separated from the commodity and importer disagrees the commodity to be treated together with WPM.

5. WPMs that undergone process of repairing, reconstruction or remanufacturing shall be re-treated by methods described in Article 2 and marked properly as Article 3.